

Laser

The SmartLase C340 is an all-in-one, cost-effective, CE certified laser coding solution that is suitable for basic packaging applications in the food and beverage industries.

Complete & flexible

All-in-one laser solution for fast and easy line code changes

Ready to print in one convenient unit

An affordable all-in-one design, the SmartLase C340 comes complete with a built-in fume extractor and package sensor mounted on an adjustable stand with a rolling caster base.

Easily moveable unit

Change codes or transport the SmartLase C340 all-in-one solution from one conveyor to the next in less than 15 minutes with convenient adjustable stand and caster base.

Powerful enough to handle most coding and marking applications

SmartLase C340 is capable of meeting all your package coding needs with 30 Watts of power at a 10.6 wavelength and choice of lenses from 70 to 120 mm.

Robust & simple

An industrial designed laser for consistently crisp codes

Durable design

Reliable IP44 design (no plastic parts). Resists > 1 mm particles and water sprays. Prints in environments up to 45 °C.

Eliminate operator errors

Intuitive and simple user interface options; optional 7" WYSIWYG touch screen or quick and convenient web-based UI for remote access laptop or desktop PC.

High quality codes

Patented "SmartLase Code Technology" ensures superior quality codes on a wide variety of substrates, including difficult-to-code laminate coated materials, at a rate of up to 125 meters per minute.

Trusted technology

Leveraging the same "SmartLase Code Technology" that is embedded into all our SmartLase models, ensures the SmartLase C340 user experience is easy and straightforward. Utilizing patented algorithms and unique fonts allows for impeccable lines and curves, achieving high quality codes at faster line speeds.

Flexibility and uptime

Ability to adjust contrast and code position without stopping production.



The SmartLase C340 includes a built-in fume extractor and package sensor mounted on an adjustable stand with a rolling caster base.

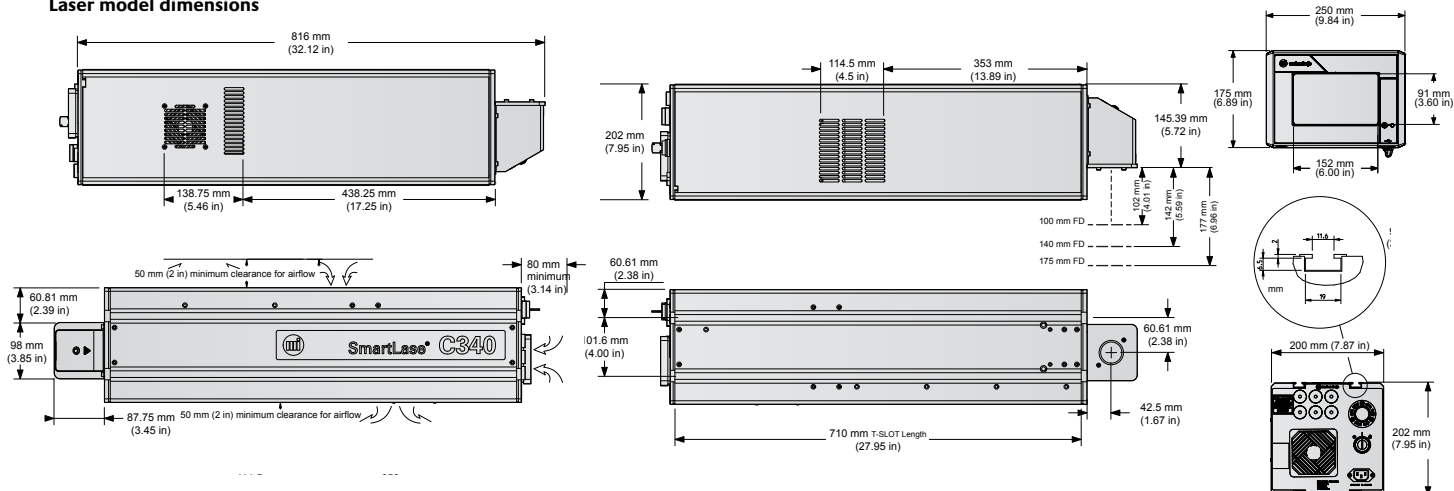


Easily transport the all-in-one solution from one conveyor to the next and begin coding again in less than 15 minutes.



SmartLase C340 - Specifications

Laser model dimensions



SmartLase C340 30 W sealed CO ₂	
Production line speed (max.)	125 m/min.*
Marking speed (max.)	900 characters/s
Print features	- Number of text lines: limited only by character height and allowable print area - Character height: from 1 to 120 mm - Choice of characters: Chinese, Latin and Unicode fonts - Wide selection of languages: Arabic, Bosnian, Brazilian Portuguese, Bulgarian, Chinese, Croatian, Czech, Danish, Dutch, English, Finnish, French, German, Greek, Hungarian, Italian, Japanese, Korean, Polish, Romanian, Russian, Serbian, Slovenian, Spanish, Swedish, Turkish
Standard coding area and focal distance (mm)	Lens 100 x 100 / fd 140
Operations	- Web or optional user Interface 7" WYSIWYG color touch screen, QWERTY or AZERTY virtual keyboard, navigation via icons including on-line help file - Message storage capacity of 500 jobs - Upload and download of messages via USB Flash Drive - Standard I/O: Ethernet interface, USB, encoder, sensor, extractor controls, optional Markem-Imaje alarm tower, remote interlocks (dual channels)
Other characteristics	- Printhead weight: 21.4 kg - Printhead: anodized aluminum - Dust/Humidity protection: IP44 - All-in-one Stand includes: Mast with X & Y adjustments, footplate with casters, printhead bracket mount, user interface support mount, mounting bracket, cable clip, package sensor and sensor mount - ES100 dust and gas extractor - Operating temperature range: 5 to 45 °C - Humidity: 5 to 80% non-condensing - Electrical power supply: 100-240 V with automatic switching - Frequency: 50/60 Hz - Power consumption 7 A; 700 VA
Options	- Coding area and focal distance (mm): Lens 70 x 70 / fd 100 – Lens 100 x 100 / fd 140 – Lens 120 x 120 / fd 175 - Remote user interface
Accessories	Guarding tunnel, photocell, encoder, alarm beacon
PC software	- Web user interface provided as standard - Compatible with CoLOS Create Professional and CoLOS Enterprise • Logo creation with CoLOS Graphics

* Depends on the size and complexity of the message as well as the nature of the surface marked

Code with CONFIDENCESM – Ensure excellent performance and peace of mind with our array of genuine Markem-Imaje after-sales services. Offerings include spare part kits, consumables solutions and service packages: from start-up packages, extended warranty contracts, service exchange programs and all-inclusive agreements.

We reserve the right to amend the design and/or specifications of our products without notice.

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